South Dakota Spill Report Form

PRCF #: **Case #:** 2025.157

Reported (MM/DD/YY): 10/29/25	Time:	Recorded By: J. McGuire

A. REPORTER

Reported By: Jesse Rieb			
Organization Name: City of Rapid City	☑ Discharger ☐ Public ☐ State ☑ Local ☐ Federal		
Phone: 605-394-4152	Email:		
Address: 605 Steele Avenue			
City: Rapid City	State: SD	Zip: 57701	

B. DISCHARGER (Responsible Party) ☒ As Above in A

Name:			
Address:			
City:	State:	Zip:	
Phone:	Email:		

C. INCIDENT DATE & LOCATION ☒ As Above In B

Spill Date: (MM/DD/YY) 10/29/25	Spill Time:		
Street or Approx. Location: 44.078522, -103.206594			
Survey Description:			
City:	County:	State:	Zip:

D. MATERIAL

Material type (Code/Name): ☐ Hazardous Substance ☐ Material Unknown ☐ Oil ☑ Other	Quantity Spilled	Spilled in Water	Units (Check one)	
Ice B' Gone (magnesium chloride)	1500	n/a	☐ lb. ☐ bbl.	☑ gal. ☐ oth.
			☐ lb. ☐ bbl.	☐ gal. ☐ oth.
			☐ lb. ☐ bbl.	☐ gal. ☐ oth.

E. SOURCE

Source of Spill: ☑ AST ☐ UST ☐ Railway ☐ Transport ☐ Fixed Facility ☐ Pipeline ☐ Highway ☐ Other

Description:

Regulated Tank Facility: ☐ Tank Facility ID #:

F. MEDIUM

Medium Affected: ☐ Air ☑ Land ☐ Water ☐ Groundwater ☐ Within Facilities Only

Waterway Affected: n/a

G. CAUSE

Reported Cause: ☐ Transportation Accident ☑ Operational Error ☐ Dumping ☐ Equipment Failure ☐ Natural Phenomenon ☐ Unknown ☐ Other

Description: Valve left open

H. DAMAGES

# of Injuries: n/a | # of Fatalities: n/a

I. ACTIONS

Response Action Taken:

Sand was applied to the released liquid to contain and prevent it from reaching any storm drains.

K. NOTIFIED

Responding Agency: ☐ DANR ☐ Local ☐ Discharger ☐ Federal ☐ EPA ☐ Other

Agencies Notified:

K. COMMENTS

Comments:

The contaminated sand was scraped up with the intention to be used in the winter for its original intended purpose.

Department of Agriculture and Natural Resources
Inspection, Compliance, and Remediation Program
523 East Capitol Avenue
Pierre, South Dakota 57501

Business Hours M – F 8:00-5:00 pm
Normal Business Hours- (605)773-3296
After Business Hours- (605) 773-3231

DEPARTMENT of AGRICULTURE and NATURAL RESOURCES
JOE FOSS BUILDING
523 E CAPITOL AVE
PIERRE SD 57501-3182
danr.sd.gov

October 31, 2025

Jesse Rieb
City of Rapid City – Street Department
605 Steele Avenue
Rapid City, SD 57701

Subject: Department of Agriculture and Natural Resources File # 2025.157: pertaining to a magnesium chloride ice melt release at the Rapid City Street Department, 605 Steele Avenue, Rapid City, South Dakota.

Dear Mr. Rieb:

The Department of Agriculture and Natural Resources (DANR) is contacting you regarding the event noted above. A copy of the initial spill report form is enclosed for your review. Based upon the information provided, approximately 1,500 gallons of ice melt product (magnesium chloride) were released due to an open valve. The procedures for the assessment and cleanup of spills such as this were developed to protect surface and groundwater resources. In this situation, DANR requires the following (we understand some of these actions may already be completed or underway):

- Apply absorbent to contain and absorb the product, and scrape it up;
- Recovered absorbent can either be land applied as road salt or properly disposed at a permitted municipal solid waste landfill;
- Provide this office with a copy of disposal receipts (if applicable); and
- By November 30, 2025, please complete and return the attached Written Contamination Incident Follow Up Report form.

Jackie McGuire has been assigned as the project manager for this case. She will review the information provided and contact you if further remedial action is necessary. If you have any questions or need additional information, please do not hesitate to contact her at 605.773.3296. Thank you for your cooperation and assistance.

Sincerely,

Trish Kindt
Inspections, Compliance, & Remediation Program
(605) 773-3296

cc Dustin Willett, Pennington County Emergency Manager

INCIDENT FOLLOW-UP REPORT

DANR CASE FILE #: 2025.157

RETURN COMPLETED FORM TO:

SOUTH DAKOTA DEPARTMENT OF AGRICULTURE AND NATURAL RESOURCES (DANR)
INSPECTION, COMPLIANCE, AND REMEDIATION PROGRAM
JOE FOSS BUILDING
523 EAST CAPITOL AVENUE
PIERRE SD 57501-3182

NAME/TYPE OF PRODUCT SPILLED: Tubo/Magic Melt

TOTAL AMOUNT OF PRODUCT SPILLED: 1500 Gals

POUNDS OF ACTIVE INGREDIENT SPILLED (fertilizer/pesticide spills): _____

AMOUNT OF PRODUCT RECOVERED: 1500 Gal

WAS SURFACE WATER OR GROUND WATER IMPACTED BY THE SPILL?: No

SPILL DATE: 10-29-25 DATE CLEANUP OCCURRED: 10-29-25

SPILL LOCATION (physical address, directions, distance to nearest intersection or landmark, etc.): _____

605 Steele Ave Rapid City South Dakota 57701

LATITUDE/LONGITUDE: _____

LAND USE (Residential, Commercial, Agricultural, Industrial, Other – describe): Commercial

RESPONSIBLE PARTY: City of Rapid City Street Department

MAILING ADDRESS: 300 Sixth Street

CITY/STATE: Rapid City, SD 57701 TELEPHONE NUMBER: 605-394-4152

PROPERTY OWNER: City of Rapid City

MAILING ADDRESS: 300 Sixth St

CITY/STATE: RC, SD 57701 TELEPHONE NUMBER: 605-394-4165

CONSULTANT / CLEANUP CONTRACTOR (if applicable): _____

MAILING ADDRESS _____

CITY/STATE: _____ TELEPHONE NUMBER: _____

INSURANCE PROVIDER (if applicable): _____

NAME OF INSURED: _____

POLICY NUMBER: _____ CLAIM NUMBER: _____

MAILING ADDRESS: _____

CITY/STATE: _____ TELEPHONE NUMBER: _____

INCIDENT FOLLOW-UP REPORT (Page 2 of 2)

DANR CASE FILE #: _____

WAS SOIL EXCAVATED?: NO DIMENSIONS OF EXCAVATION: _____

CUBIC YARDS EXCAVATED: _____

DISPOSAL SITE (Name of Facility): _____

DISPOSAL DATE: _____ ***If soil was disposed, attach copies of disposal receipts***

FERTILIZER/PESTICIDE SPILLS ONLY

WAS CONTAMINATED SOIL/MATERIAL LAND APPLIED?: _____

APPLICATION DATE _____ ***Requires DANR Pre-Approval***

WAS SPILL CONTAINED TO IMMEDIATE AREA?: YES

DISTANCE TO AND NAME OF NEAREST SURFACE WATER (include currently dry perennial streams): 667 feet to Rapid Creek

DISTANCE TO NEAREST WATER WELL (if applicable): _____

OWNER OF NEAREST WATER WELL (if applicable): _____

DESCRIBE RESPONSE ACTION AND ADDITIONAL WORK PLANNED: Sand was distributed over the spill area and swept up with street sweepers. Water was applied during the sweeping process. Sand will be stock piled and used on the roads as a winter surface treatment. Spill did not reach the storm drains or Rapid Creek.

FORM COMPLETED BY: Jesse Rieb DATE: 10-31-25

E-MAIL ADDRESS: jesse.rieb@rcgov.org

Original – DANR
Copy – Keep for your records.

Safety Data Sheet

IBG MAGIC

Prepared May 13 2020 | Supersedes all previous versions | Version: 2015.1

SECTION 1: Identification of the Product/Mixture and of the Company

Product form: Substance: Liquid Mixture
Product Name: ICEB'GONE
Product Use: Dust Control Agent - De-Icing - Anti Icing - NaCl Treatment
Manufacturer: Taconic Maintenance

CAS No. No CAS number associated, see section No. 2 for component CAS No.
Synonyms: ICEB'GONE MAGIC, IBG, IBG MAGIC, ICEB'GONE

Intended Use Of The Product: Dust Control Agent, Anti Icing, Deicing, NaCl treatment

Responsible Party: Taconic Maintenance
PO Box 591
Hyde Park, NY 12538
Telephone: 845-444-9000
24 Hr Emergency Contact 845-444-9000
WHMIS Classification: Not Controlled
Chemical Family: None (Organic Solution/Distillers Condensed Soluble)

SECTION 2: Composition/Information on Ingredients

Name	Product Identifier	Concentration %
Magnesium Chloride	CAS No. 7786-30-3	50-60%
Distillers Condensed Soluble	N/A	40-50%

SECTION 3: Hazards Identification

Classification of the Substance or Mixture
GHS-US Classification: Not Hazardous

		Physical	Health	Environment
Label Elements	N/A	Not Hazardous	Not Hazardous	Not Hazardous
GHS-US Labeling	N/A			
Hazard Pictograms (GHS-US)	N/A			

SECTION 4: First Aid Measures

First - Aid measures general: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advise. Show the label where possible.

Routes of Entry	Health Hazards	Effects of Exposure to Material	First Aid
Eyes	Yes	May cause irritation of eye and lids.	Flush eyes with fresh water for 10 minutes. Seek medical attention if irritation persists.
Skin	Yes	May cause slight irritation.	Wash promptly with warm fresh water and mild soap.
Inhalation	Unlikely - Only in the form of a very fine spray mist	Fine particles from spray mist only may cause irritation of nasal and bronchial passages.	Remove to fresh air.
Ingestion	Unlikely - Has bitter taste and emetic properties	May cause vomiting and tissue irritation.	Rinse mouth out with fresh water. Seek medical attention.

Most important symptoms and effects, both acute and delayed

Symptoms/injury: Eye irritant

Symptoms/injury after inhalation: May cause irritation

Symptoms/injury after ingestion: May cause vomiting

Symptoms/injury after eye contact: Causes eye irritation

SECTION 5: Fire fighting measures

Extinguishing media

Suitable extinguishing media: This is a non combustible product. Appropriate media should be determined by surrounding fire. All forms of extinguishing medias are allowed.

Specific Hazards arising from the chemical: Aqueous solution may cause surfaces to become extremely slippery and cause a slip hazard. May emit Chloride gases above 325 F.

Advise for firefighters

Firefighting instructions: Exercise caution when fighting any chemical fire.

Protection during firefighting: Firefighters should wear full protective gear. Do not enter fire area without protective equipment, including but not limited to respirator protection.

SECTION 6: First Aid Measures

Personal precautions, protective equipment and emergency procedures

General Measures: Care should be taken as the area may become extremely slippery causing a slipping hazard.

Spills: Small spills can be rinsed away with water. Larger spills should be surrounded to contain liquid and either vacuum up or absorb liquid with absorbent and place in an appropriate container for disposal. Rinse spill area with water.

Environmental concerns: None

SECTION 7: Handling and Storage

Precautions for safe handling: Wear goggles and gloves, avoid contact with eyes, skin and clothing. Care should be exercised as not to breath in spray mist. Wash your hands after handling to prevent the spreading into eyes or other skin areas.

Precautions for safe storage: Store in a well ventilated area. Avoid contact with aluminum and brass for storage. Carbon steel, polypropylene and most plastics are suitable containers.

SECTION 8: Exposure controls/personal protection

Exposure control: No special or engineered controls required
Respirator protection: For areas not well ventilated, a NIOSH approved mask is recommended
Skin protection: Use of rubber gloves and long sleeve shirts are recommended
Eye protection: Use of safety goggles are recommended

SECTION 9: Physical and chemical properties

Physical properties

Physical state:	Liquid
Odor and appearance:	Brown Liquid
Specific Gravity:	1.22 - 1.29
Evaporation Rate:	Slightly less than water
Boiling point:	approx 105 C
Freezing Point:	Approx -45 F
Solubility:	Soluble in water
PH :	3.9-5.5
Odor threshold, vapor density, vapor pressure and % volatile:	No data available

SECTION 10: Stability and reactivity

Reactivity/Chemical Stability:	Not known to be reactive. Remains stable under typical storage conditions.
Incompatible materials:	Attacks aluminum, brass, strong oxidizers and some soft metals
Decomposition Products:	Product may release chloride gases above 325 F.

SECTION 11: Toxicological information

Ingestion:	Ingestion may cause nausea, vomiting and possibly diarrhea.
Inhalation:	Inhalation of spray mist may cause slight irritation to nasal, throat and bronchial passages.
Eye:	May cause irritation and tearing
Skin:	May cause irritation and rash on extended exposure
Carcinogenicity:	No component is listed as a carcinogen
Reproductive Toxicity:	None
Oral LD50:	8100 mg/Kg
Appraisal:	The material is classified as not toxic

SECTION 12: Ecological information

ECO toxicity:	Fathead minnow NOEC: 1.0g/L Selenastrum growth NOEC: 2.0 g/L Ceriodaphnia dubia NOEC 1.0 g/L
Persistence and degradability:	N/A
Bio-accumulative potential:	No data available
Mobility in soil:	No data available
Other adverse effects:	None known

SECTION 13: Disposal considerations

Material is water soluble & non toxic, however, dispose of in accordance with local, state and federal regulations

SECTION 14: Transportation information

Shipping Name:	Not Required
UN Number:	N/A
Hazard class/Packing group:	N/A
Label Required:	None

SECTION 15: Regulatory Information

CERCLA: This material is not subject to CERCLA release reporting. Spill reports are required under Federal, state and local regulations

SARA Hazard category: Not a Hazardous material

EPA TSCA Inventory: All components in this material are listed on the EPA TSCA Inventory

WHMIA: Not classified as dangerous or a hazard.

SECTION 16: Other information

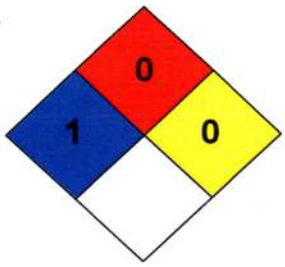
Authoring date: 5/13/2020 in accordance with CFR 1910.1200

Prepared by: Taconic Maintenance Inc.
PO Box 591
Hyde Park, NY 12538

NFPA health Hazard: 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given

NFPA fire hazard: 0 - Non combustible

NFPA reactivity: 0 - Normally stable, even under fire exposure conditions, and is not reactive with water.



HMIS III Rating:

Health: 1 - Slight Hazard - Irritation or minor reversible injury possible

Flammability: 0 - Minimal Hazard

Physical: 0 - Minimal Hazard

This information is based on our current knowledge and is intended to describe the product for the purpose of health, safety and environmental requirements only. It should not be construed as guaranteeing any specific property of the product.